

## Summary Results

- ✦ Increased yield by 9% vs. control.
- ✦ Increased yield by \$373/acre (2014 prices).
- ✦ Water savings of \$200/acre.
- ✦ Effective across multiple soil types.



## Detailed Findings

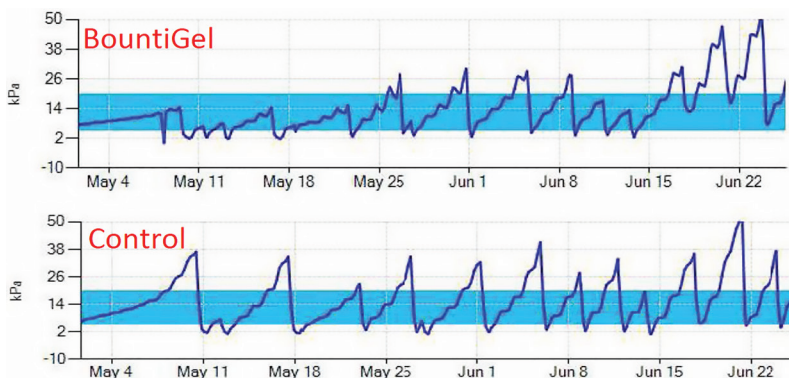
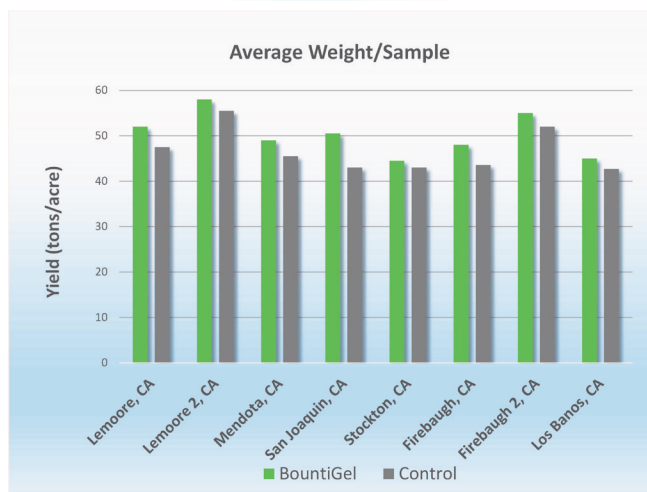
**Increased yield:** The sampled plots treated with BountiGel produced fruit weighing an average of 8.7% (4.5 tons/acre) more than the untreated plots. This resulted in a \$373/acre increase in grower return (based on 2014 prices).

**Improved soil moisture stability:** Tensiometer readings at 12" depth at the Firebaugh, CA test site indicated that BountiGel maintained soil moisture in the desired zone longer, resulting in a water savings of 4 acre-inches, translating to \$200/acre in water savings (at test locations during test window).

More stable soil moisture conditions contributed to reduced plant stress, more uniform growth, and higher yields.

**Conclusions:** Improved soil moisture holding capacity using BountiGel can result in higher yields and water savings in a wide range of soils.

*Data from Tomato trials held in varying soil types from Stockton, CA to Lemoore, CA, on sites ranging from 25-300 acres.*



*Test results showed consistently higher yields and improved soil moisture control.*

## REDUCE WATER USAGE



## INCREASE YIELD

At Carbon Neutral Ag Sciences, we specialize in innovative crop science to address current challenges to irrigated agriculture. Using patented chemistry, we manufacture BountiGel® an eco-friendly, super-absorbent soil amendment that absorbs up to 150 times its weight in water while maintaining its mechanical strength. BountiGel will repeatedly absorb and release water to the root system, utilizing its unique double cross-linked structure. Due to its superior mechanical strength, BountiGel remains effective for up to three years until it safely biodegrades. Does not contain polyacrylamide.

**Backed by two years of University and Commercial trials.**